PC43 PC42 FAT	EC 22 EC 24 EC 26 EC 27 EC 27	40         40<	ASTVIHYEIPEEREKGFAVGNVVANLGLDLGSLSA PTOEMKLEISEAVAPGTRYVOVLATDPDLGSNSL NOSLYRARVPGGCTSGTRVVOVLATDLDEGPNGE TVTSVYSPVPEDASGTVIALLSVTDLDAGENGL SOSSYDVYIEENNLPGAPILNLSVWDPDAPQNAR LYPRPGGSSVEMLPRGTSA-GHLVSRVVGWDADAGHNAW
MOTIF			****0***V*EN***GT*V**V*A*D*D*G*N**

RRFPVVSGASRRFFEVNRETGEMFVNDR QTYELSRNEYFALRVQTREDSTKYAELVLERA IIYSFGSHNRAGVRQLFALDLVTGMLTIKGR VTCEVPPGLPFSLTSSLKNYFTLKTSAD LSFFLLEQGAETGLVGRYFTINRDNGIVSSLVP LSYSLFGSPNQSLFAIGLHTGOISTARPV	HLYKLEVGAPYLRVDGKTGDIFTTETS ASYELQVAED	LSYGVVSDWANDVFSLNPQTGMLTLTAR	VTGPGADQPPTGIFIINPISGQLSVTKP LRYRIVSQAPSTPSPNM-FTINNETGDIITVAAG AVYRISGGDPTGRFAIQTDPNSND-GLVTVVKP IRYTKLSDPANWLKIDPVNGQITTIAV FAFDLPLSPVTIKRNWTITRLNGDFAQLNLK	+0*I********************************
EC 3 EC 3 EC 5 EC 5	EC 3 EC 3 EC 4 EC 5 EC 7	EC18	EC 3 2 2 2 2 2 3 2 4 2 3 2 3 2 3 2 3 2 3 2	
PC43	PC42	FAT	N-CAD	Motif

PC43		H28439	LDRLELCGTLPSCTVTLELVVENPLELFSVEVVIQDINDNNPAF LDREREPSLQLVLTALDGGTPALSASLPIHIKVLDANDNAPVF LDFEDTKLHEIYIQAKDKGANPEGAHCKVLVEVVDVNDNAPEI LDFEDTKLHEIYIQAKDKGANPESALTIVRVQVSDINDNPPQS LDRETVPEYNLSITARDAGTPSLSALTIVRVQVSDINDNPPQS LDYEDRREFELTAHISDGGTPVLATNISVNIFVTDRNDNAPQV QDTDSPRQTLTVL-IKDNGEPSLSTTATLTVSVTEDSPEARAEFPSGSAPREQKKN
PC42		40m4s9V	IDREGLRECONOLPGDPCILEFEVSITDLVONASPRLLEGOIEVODINDNTPNF LDRERWDSYDLTIKVODGGSPPRATSALLRVTVLDTNDNAPKF VDREDLSTLRFSVLAKDRGTNPKSARAQVVVTVKDMNDNAPTI LDYEKVKDYTIEIVAVDSGNPPLSSTNSLKVOVVDVNDNAPVF LDREORESYELKVVAADRGSPSLOGTATVLVNVLDCNDNDPKF FDREOQSTYTFOLKAVDGGVPPRSAYVGVTINVLDENDNAPYI IERRHHGLHRLVVKVSDRGKPPRYGTALVHLYVNETLANRTLLETLLGHSLDTPLD
FAT	EC18	82	LDYEEVQHYILIVQAQDNGQPSLSTTITVYCNVLDLNDNAPIF
N-CAD		H2W47	LDREQIARFHLRAHAVDINGNOVENPIDIVINVIDMNDNRPEF LDRENVOOYTLIIOATDMEGIPTYGLSNTATAVITVTDVNDNPPEF IDFETNRMFVLTVAAENQVPLAKGIQHPPOSTATVSVTVIDVNE-NPYF LDRESPNVKNNIYNATFLASDNGIPPMSGTGTLQIYLLDINDNAPQV IKFLEAGIYEVPIIITDSGNPPKSNISILRVRVCQCDFNGDCTDVDR
MOTIF			LDRE****0*L*V*A*D*G*P****T*TV*V*V*D*NDNAP*F